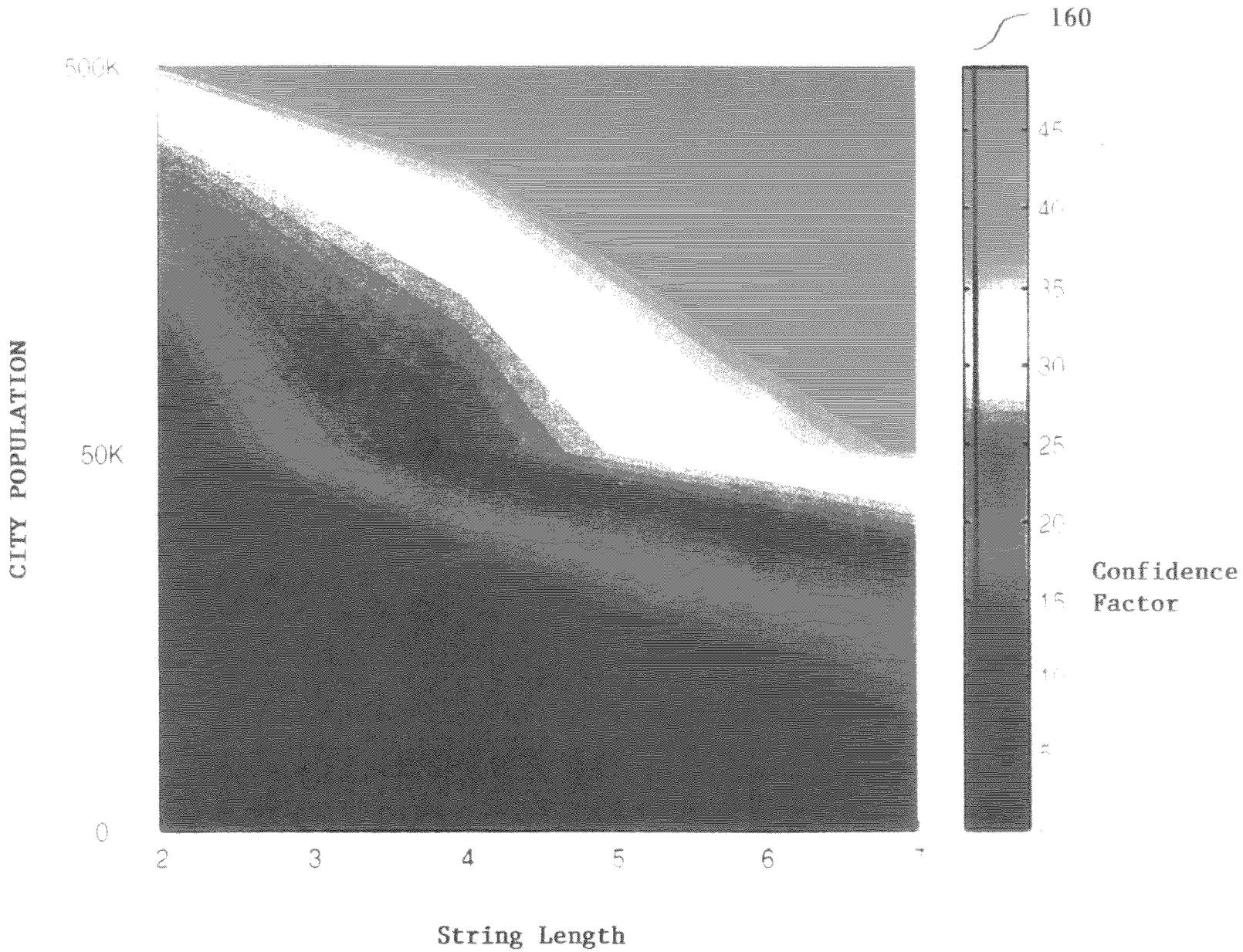

160
500K
50K
0
CITY POPULATION
2
3
4
5
6
String Length
45
40
35
30
25
20
15
Confidence
Factor

FIG. 12B

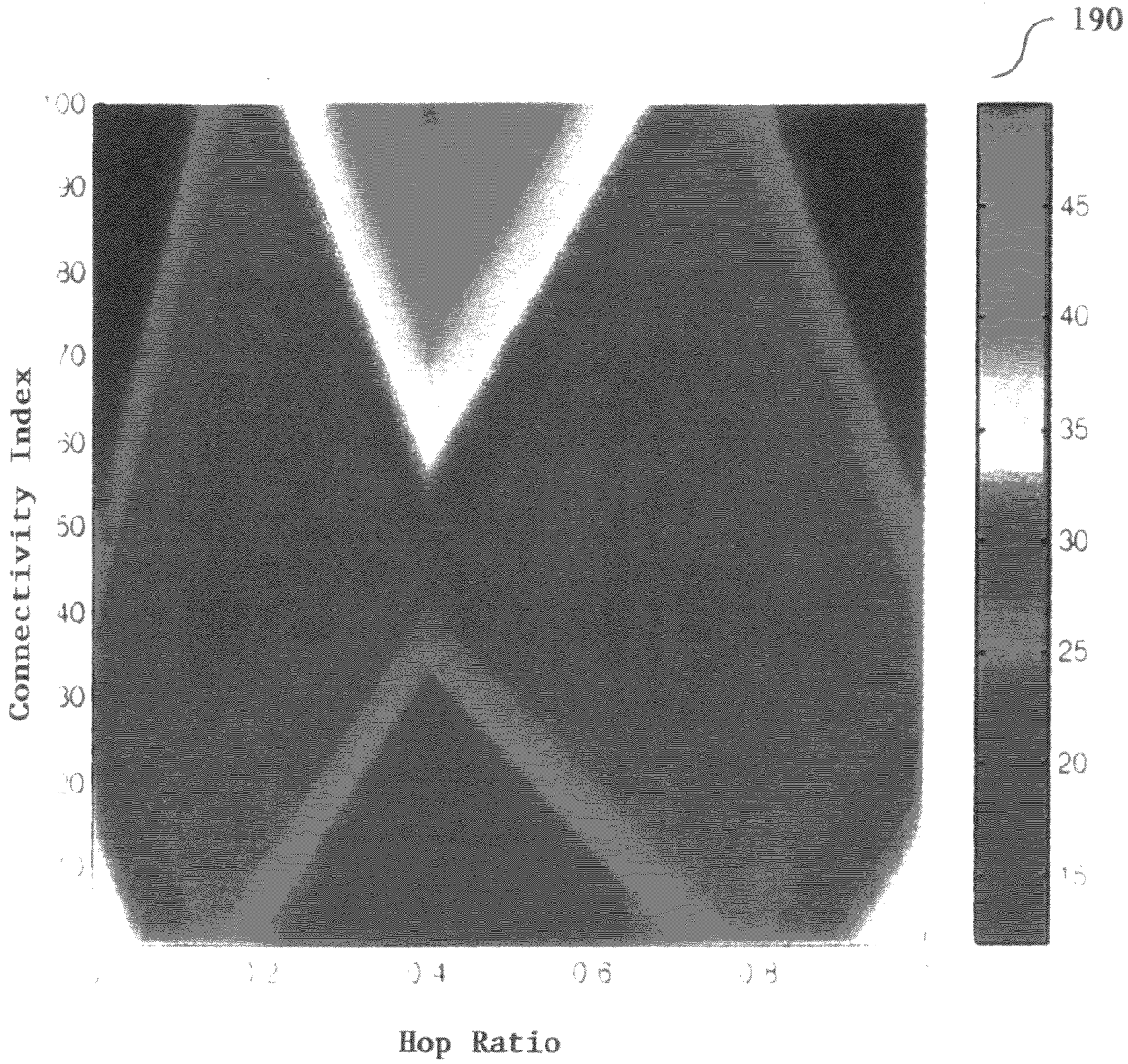

190
Connectivity Index
100
90
80
70
60
50
40
30
20
10
0
0.2
0.4
0.6
0.8
Hop Ratio
45
40
35
30
25
20
15

FIG. 14A

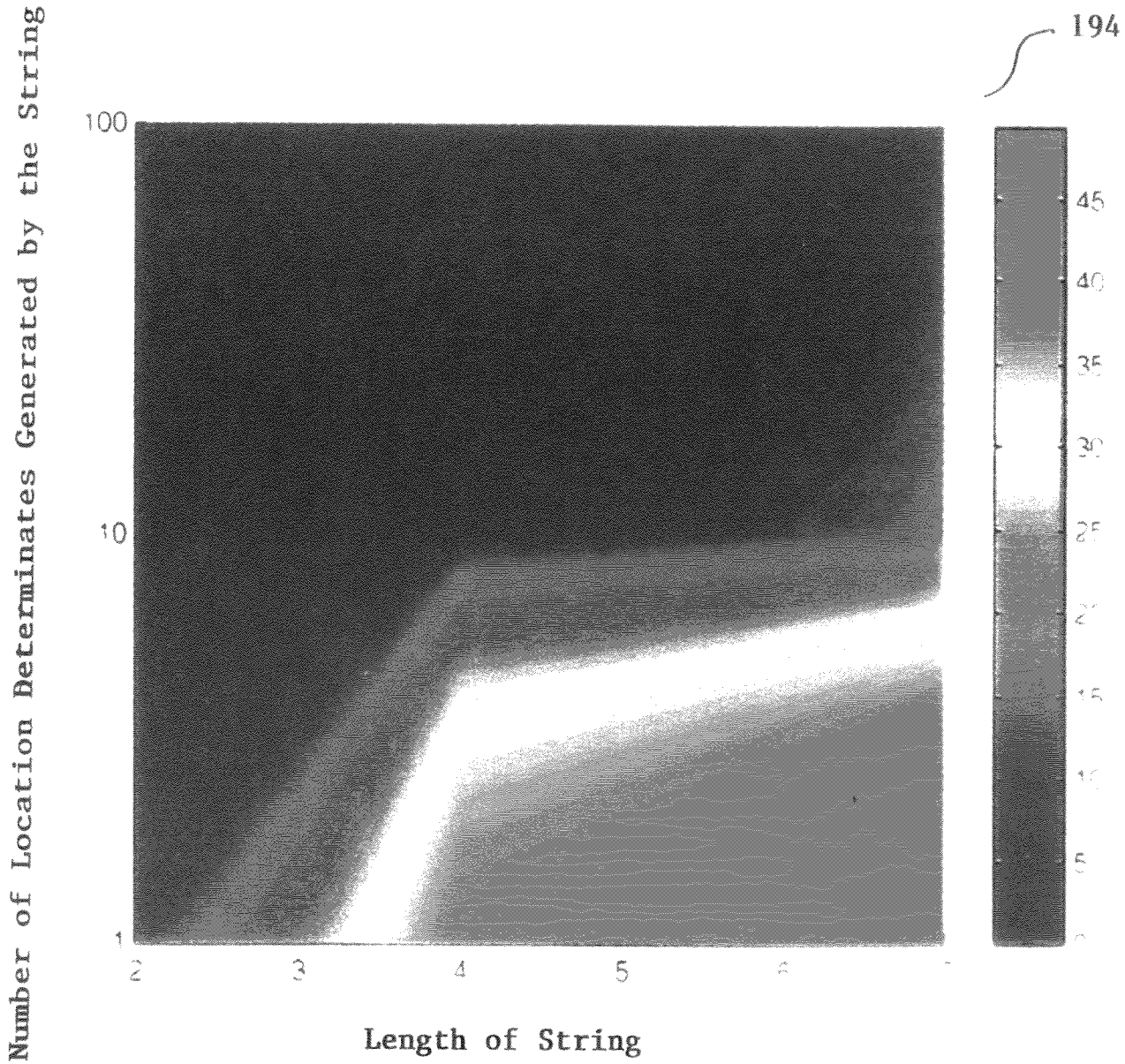

194
Number of Location Determinates Generated by the String
100
10
1
2
3
4
5
45
40
35
30
25
15
5
Length of String

FIG. 14C

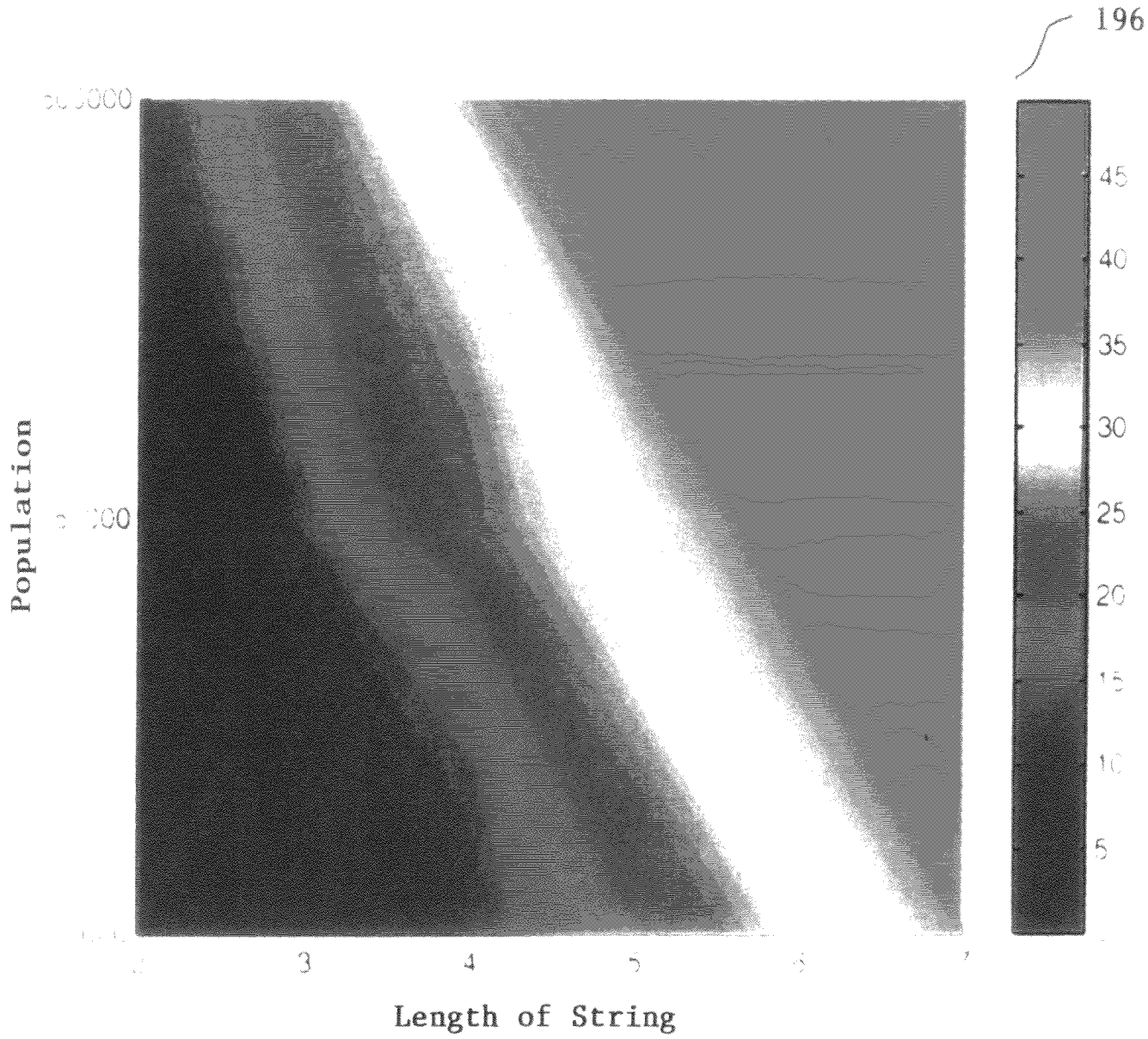


FIG. 14D

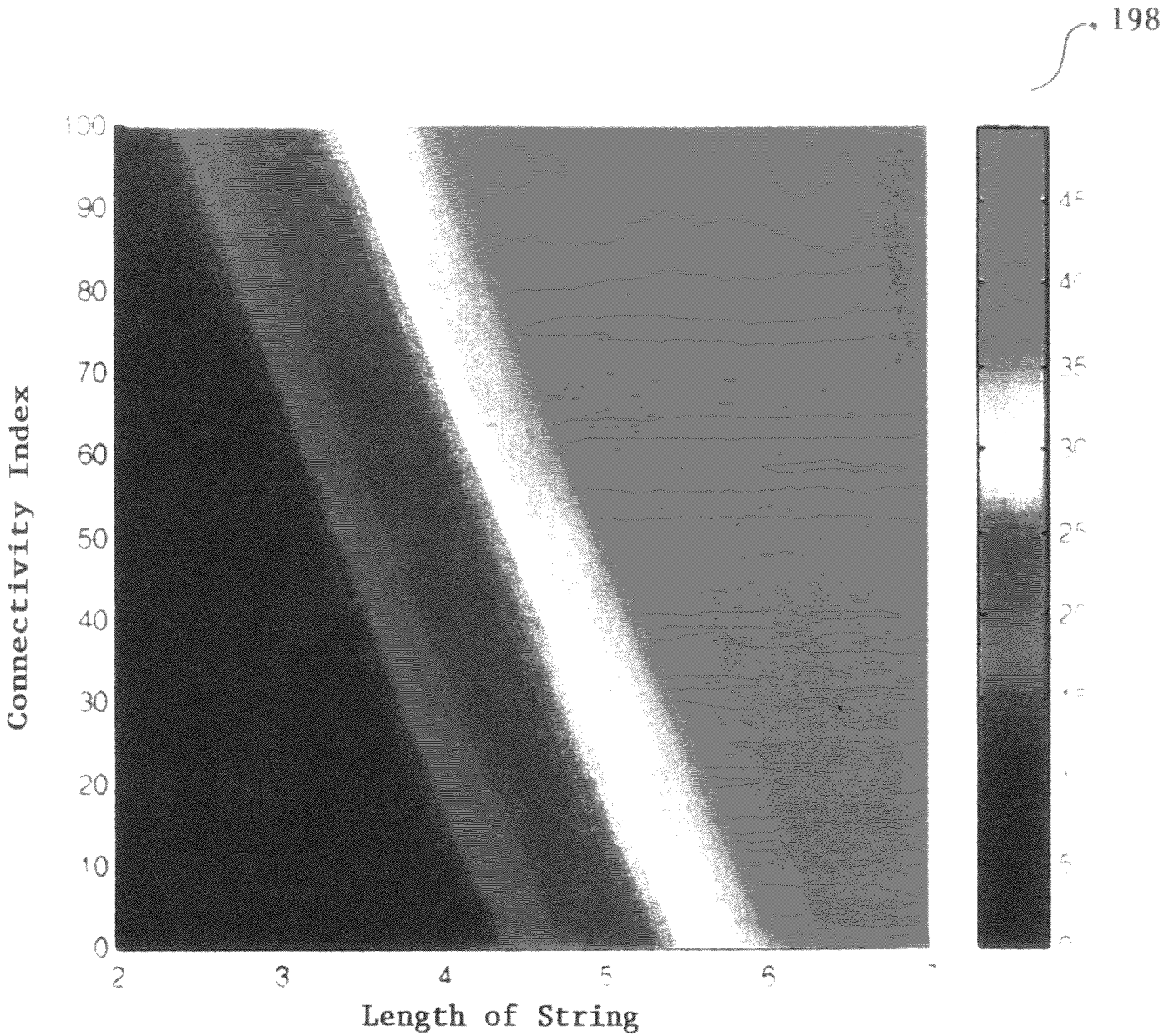

198
Connectivity Index
100
90
80
70
60
50
40
30
20
10
0
2
3
4
5
6
Length of String

FIG. 14E

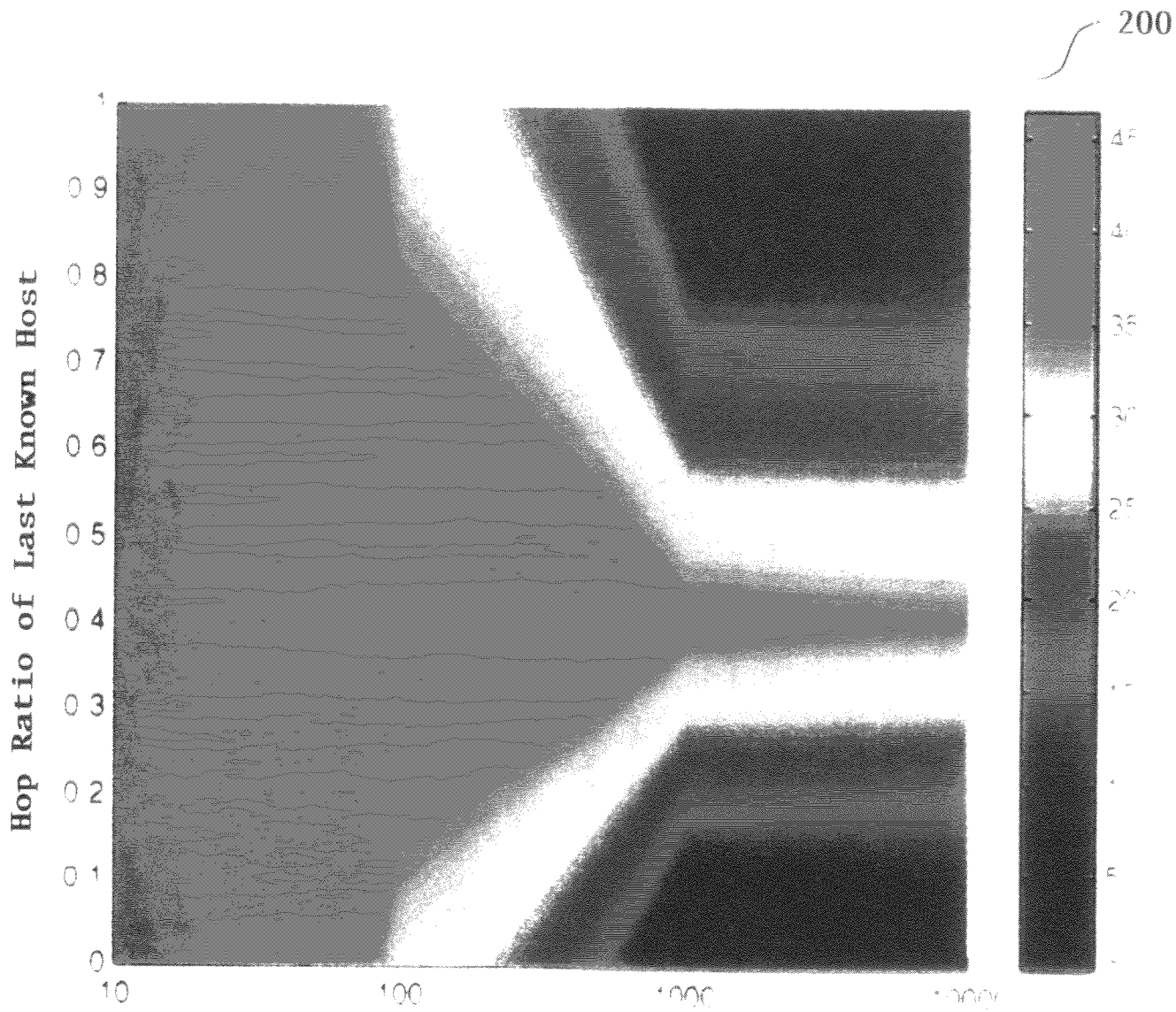

200
Hop Ratio of Last Known Host
0 9
0 8
0 7
0 6
0 5
0 4
0 3
0 2
0 1
0
10
100
Distance in Miles to Last Known Host

FIG. 14F

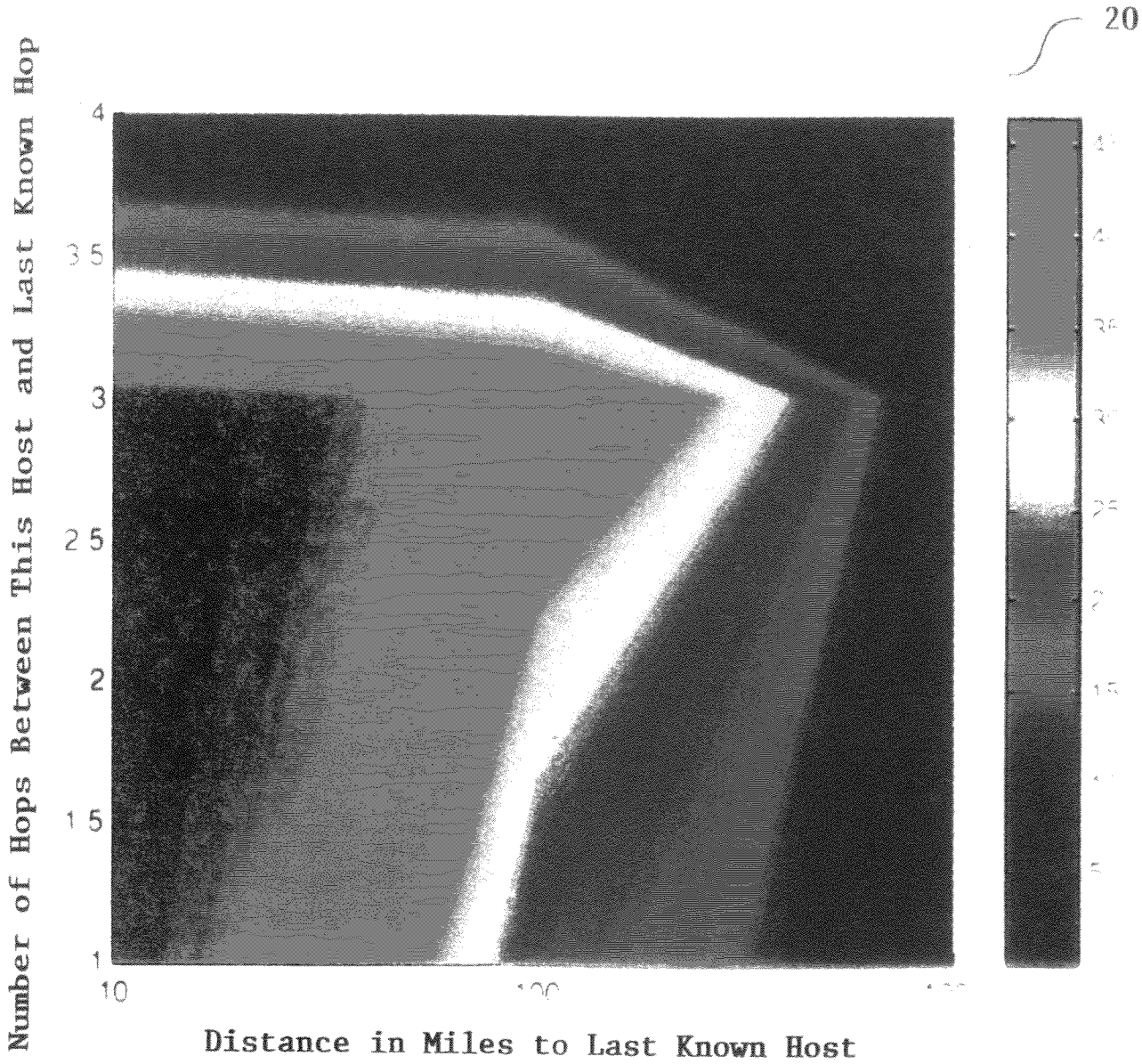

202
Number of Hops Between This Host and Last Known Hop
4
3.5
3
2.5
2
1.5
1
10
Distance in Miles to Last Known Host

FIG. 14G

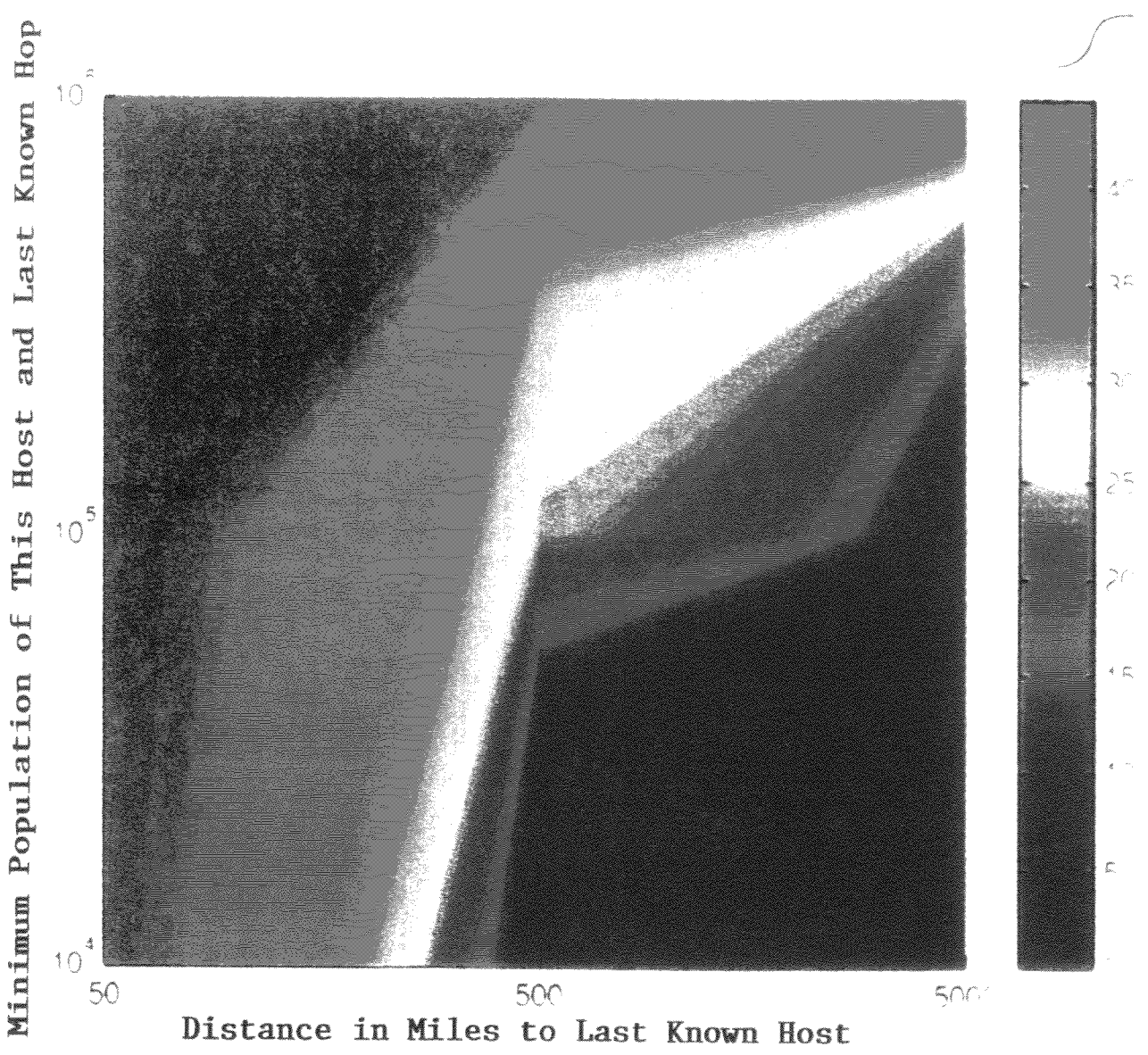

204
Minimum Population of This Host and Last Known Hop
10^6
10^5
10^4
50
500
Distance in Miles to Last Known Host

FIG. 14H

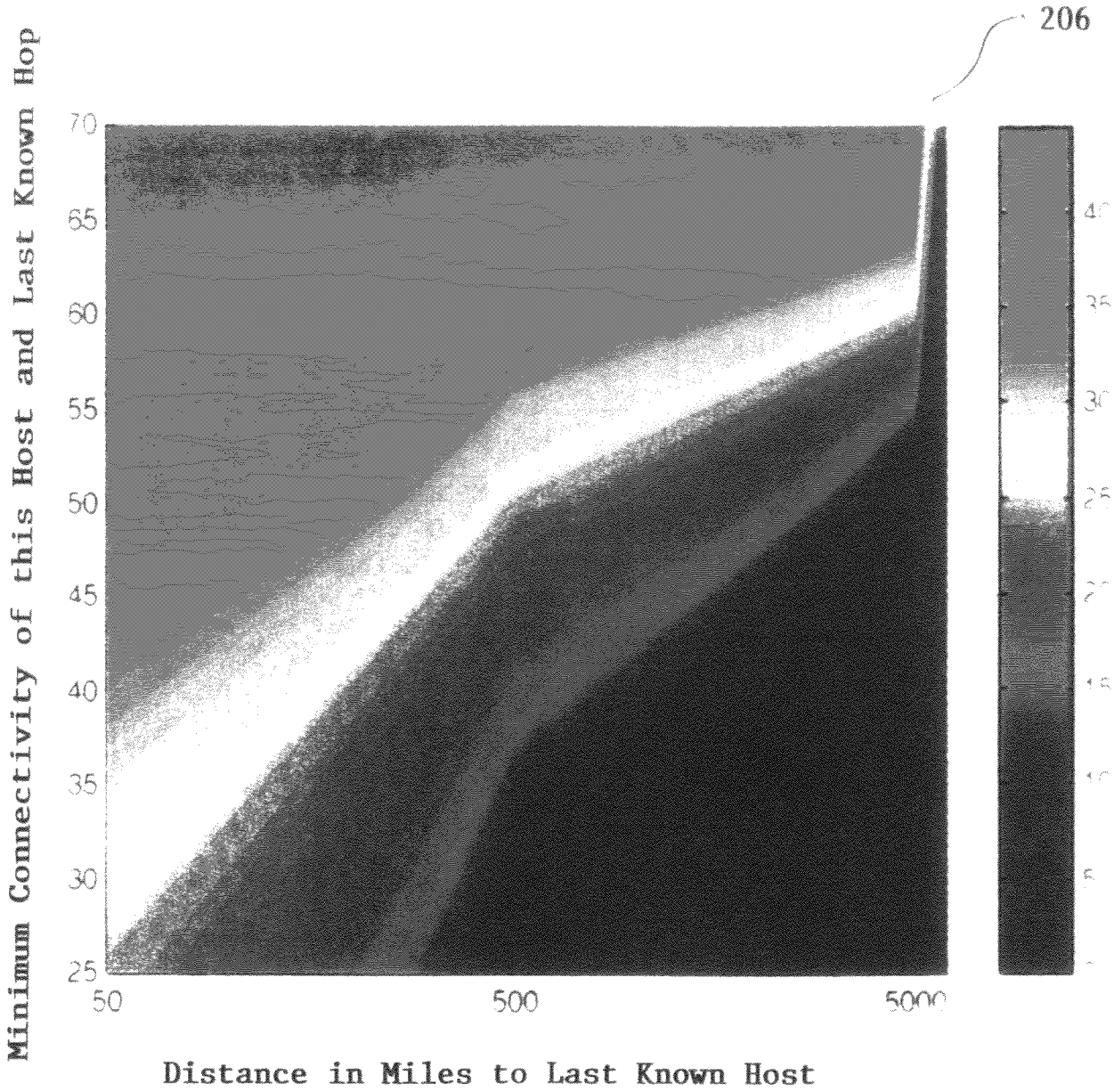

206
Minimum Connectivity of this Host and Last Known Hop
70
65
60
55
50
45
40
35
30
25
50
500
5000
Distance in Miles to Last Known Host

FIG. 14I

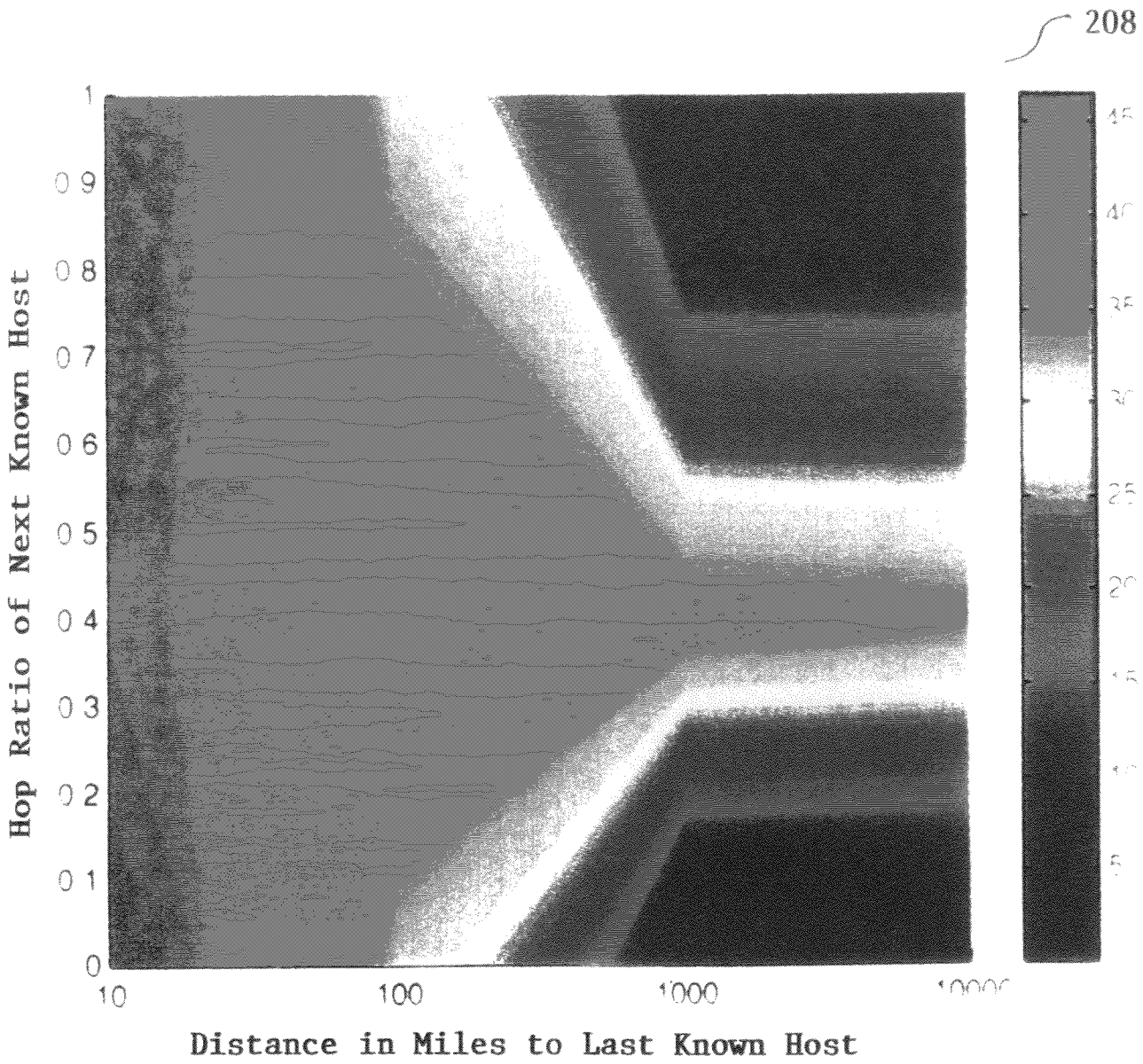

208
Hop Ratio of Next Known Host
0
0 1
0 2
0 3
0 4
0 5
0 6
0 7
0 8
0 9
1
10
100
1000
Distance in Miles to Last Known Host

FIG. 14J

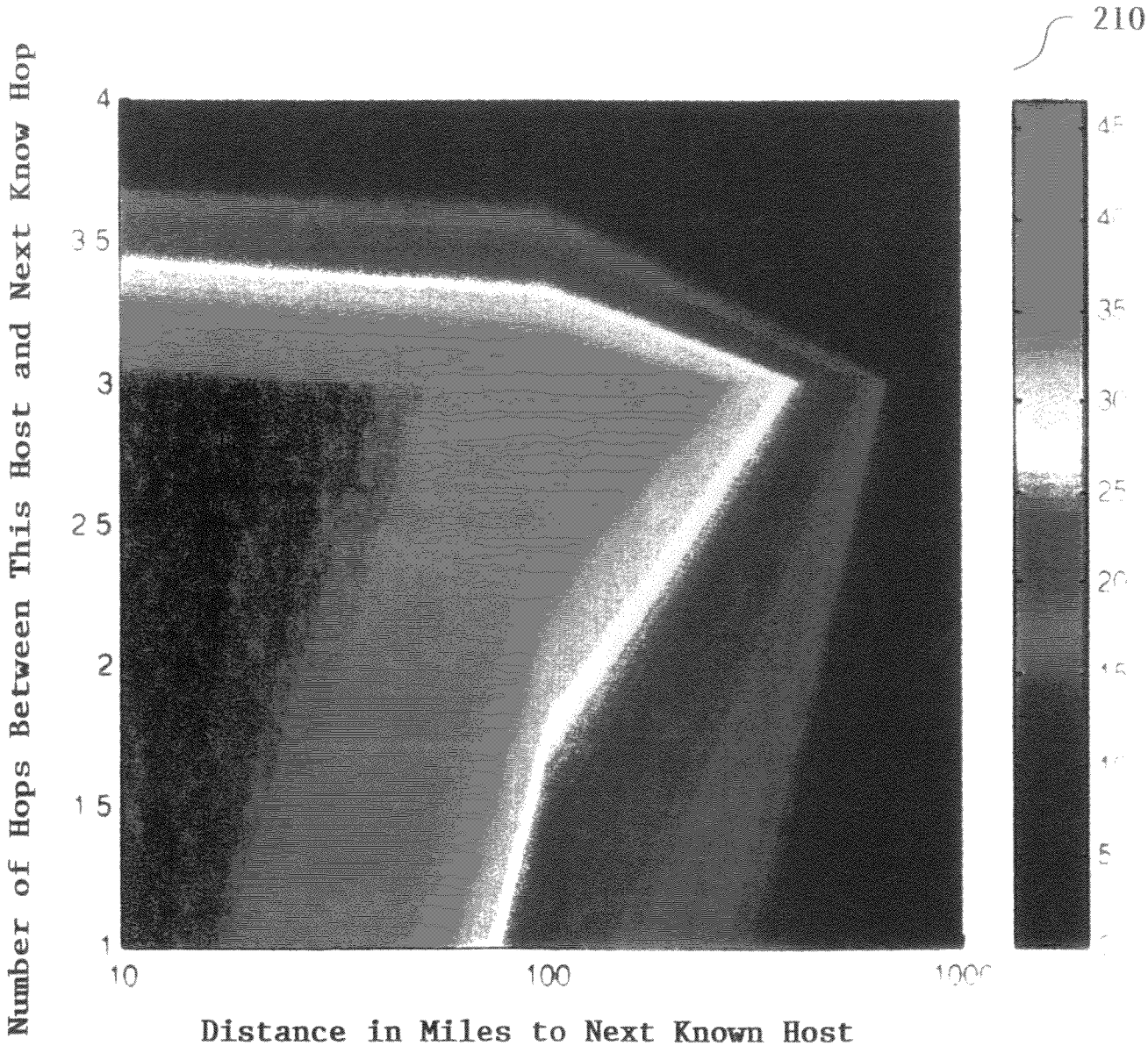

210
Number of Hops Between This Host and Next Know Hop
4
3 5
3
2 5
2
1 5
1
10
100
1000
Distance in Miles to Next Known Host

FIG. 14K

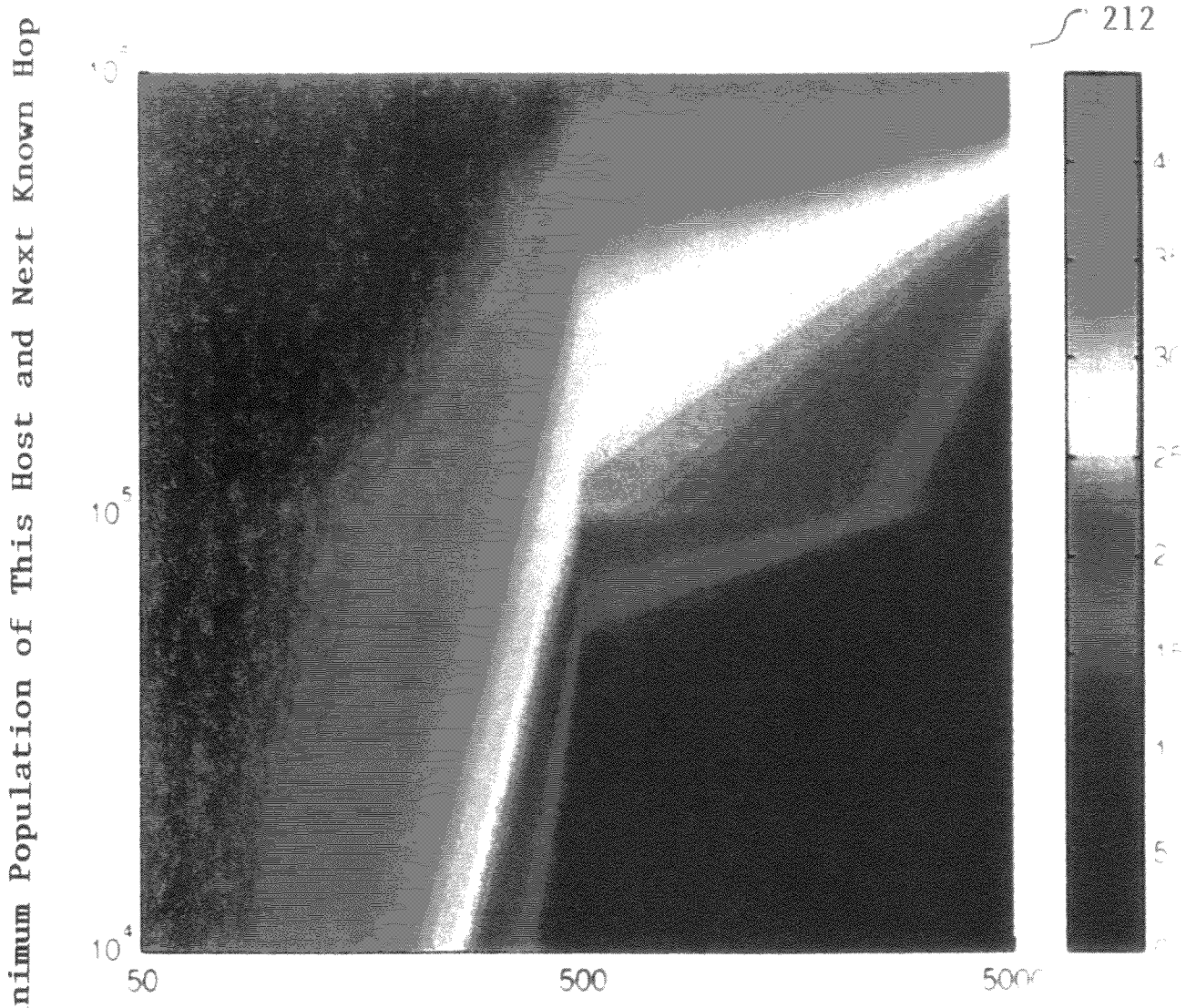

212
Minimum Population of This Host and Next Known Hop
10^5
10^4
50
500
Distance in Miles to Next Known Host

FIG. 14L

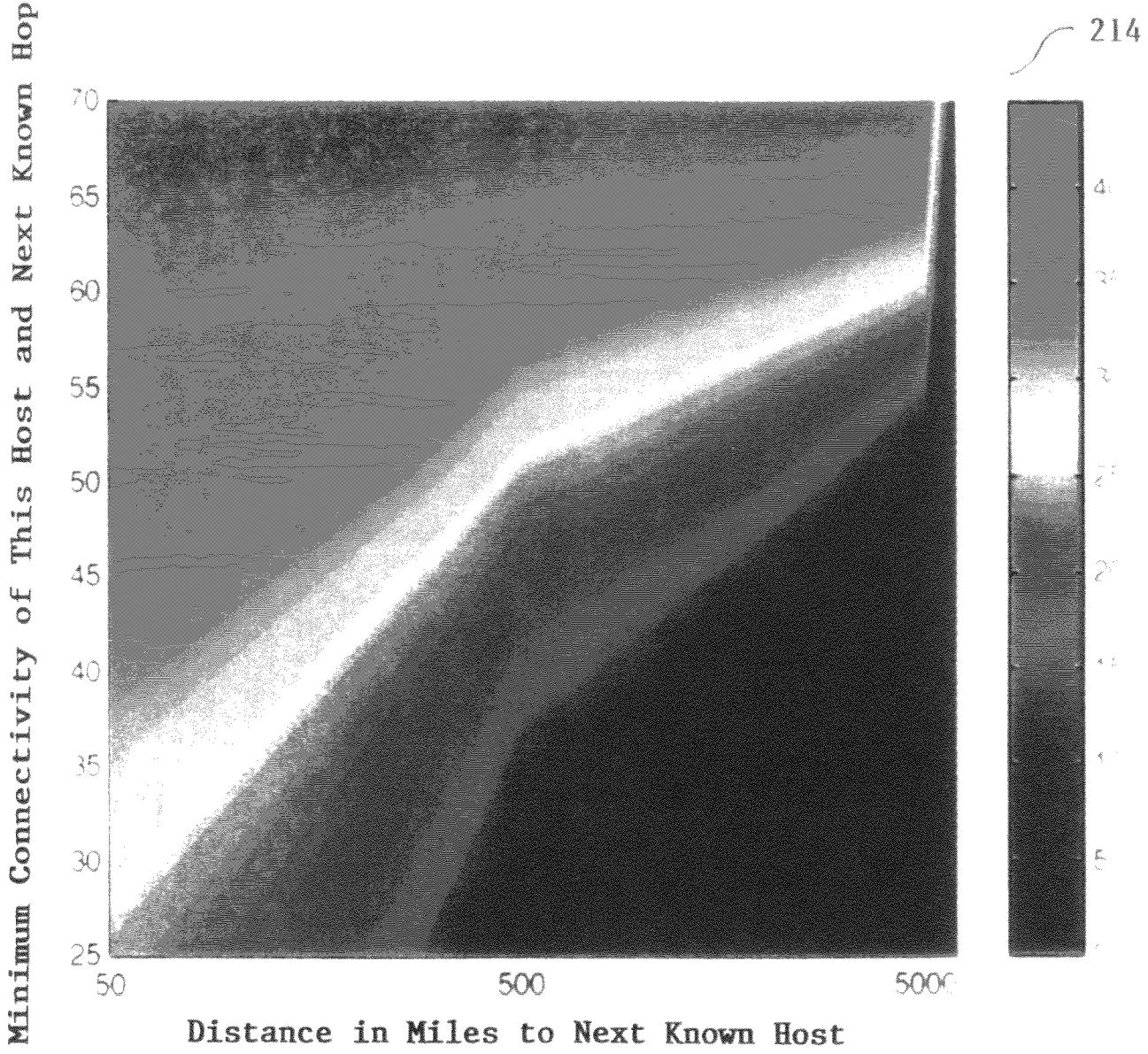
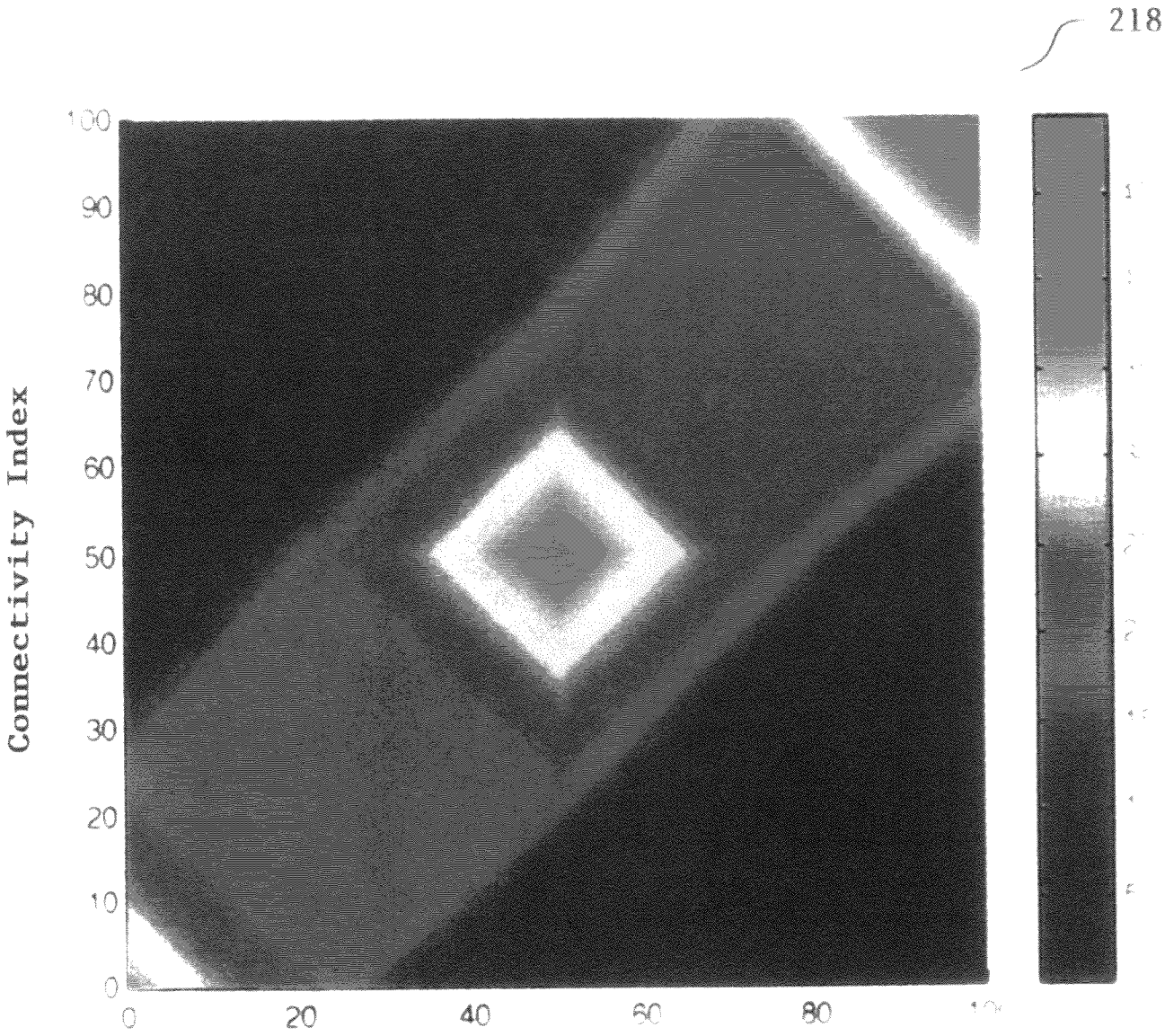

214
Minimum Connectivity of This Host and Next Known Hop
70
65
60
55
50
45
40
35
30
25
50
500
5000
Distance in Miles to Next Known Host

FIG. 14M



Means of Last Known Hop and Next Known Hop Connectivity Indices

FIG. 140

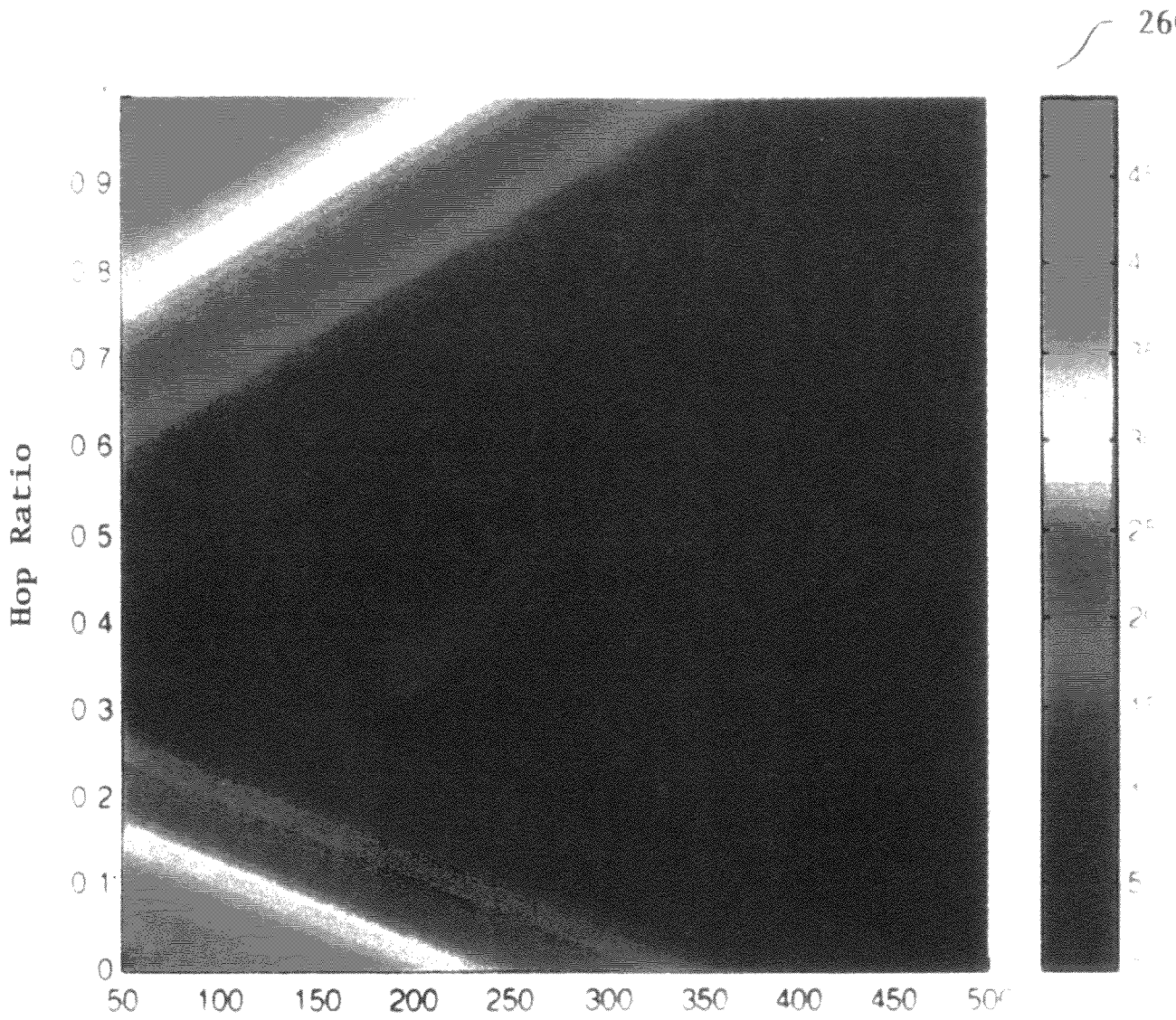

260
Hop Ratio
0 9
0 8
0 7
0 6
0 5
0 4
0 3
0 2
0 1
0
50
100
150
200
250
300
350
400
450
Distance in Miles Between Last Known Hop and Net

FIG. 16A

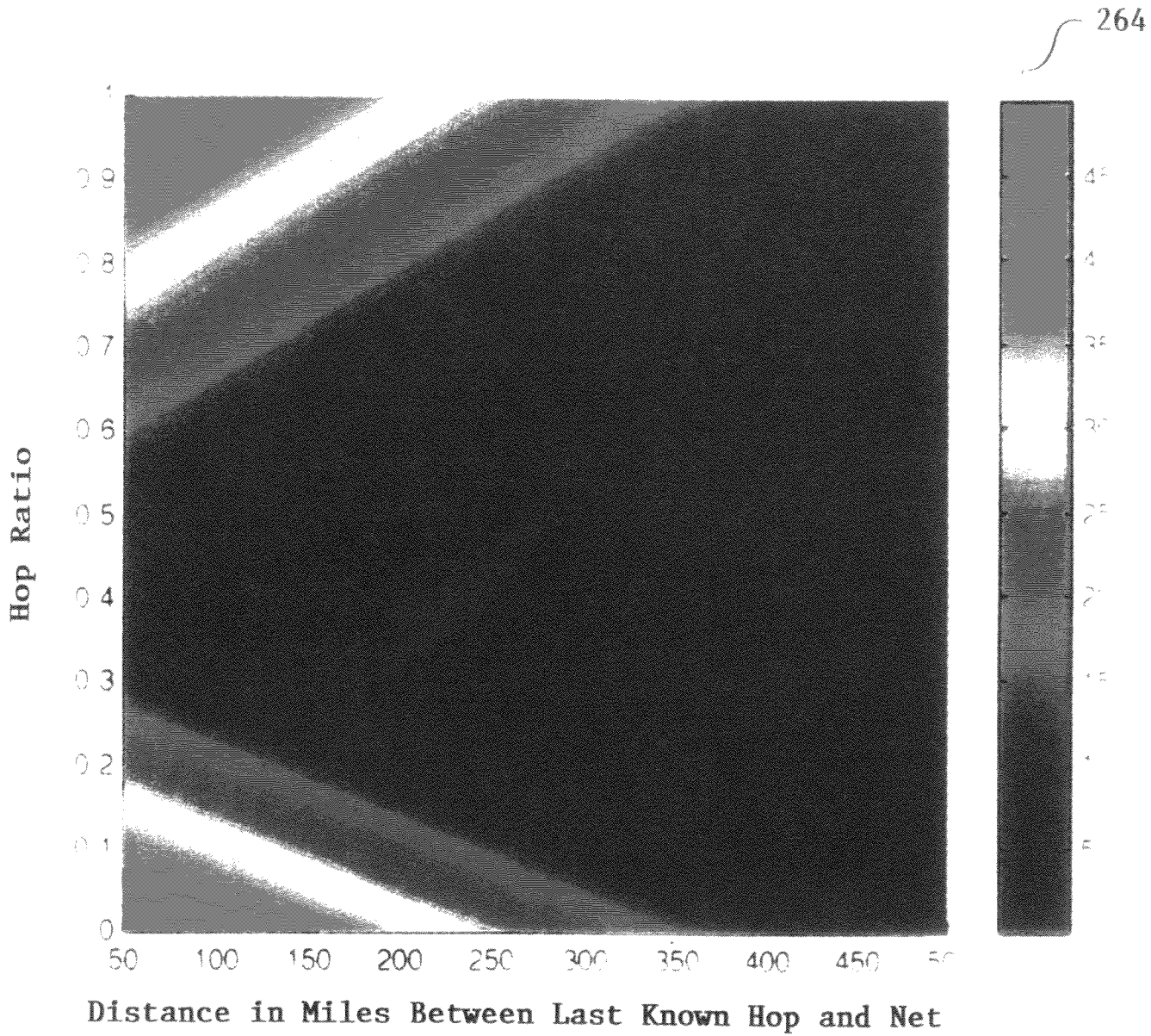

264
Hop Ratio
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
50
100
150
200
250
300
350
400
450
Distance in Miles Between Last Known Hop and Net

FIG. 16C

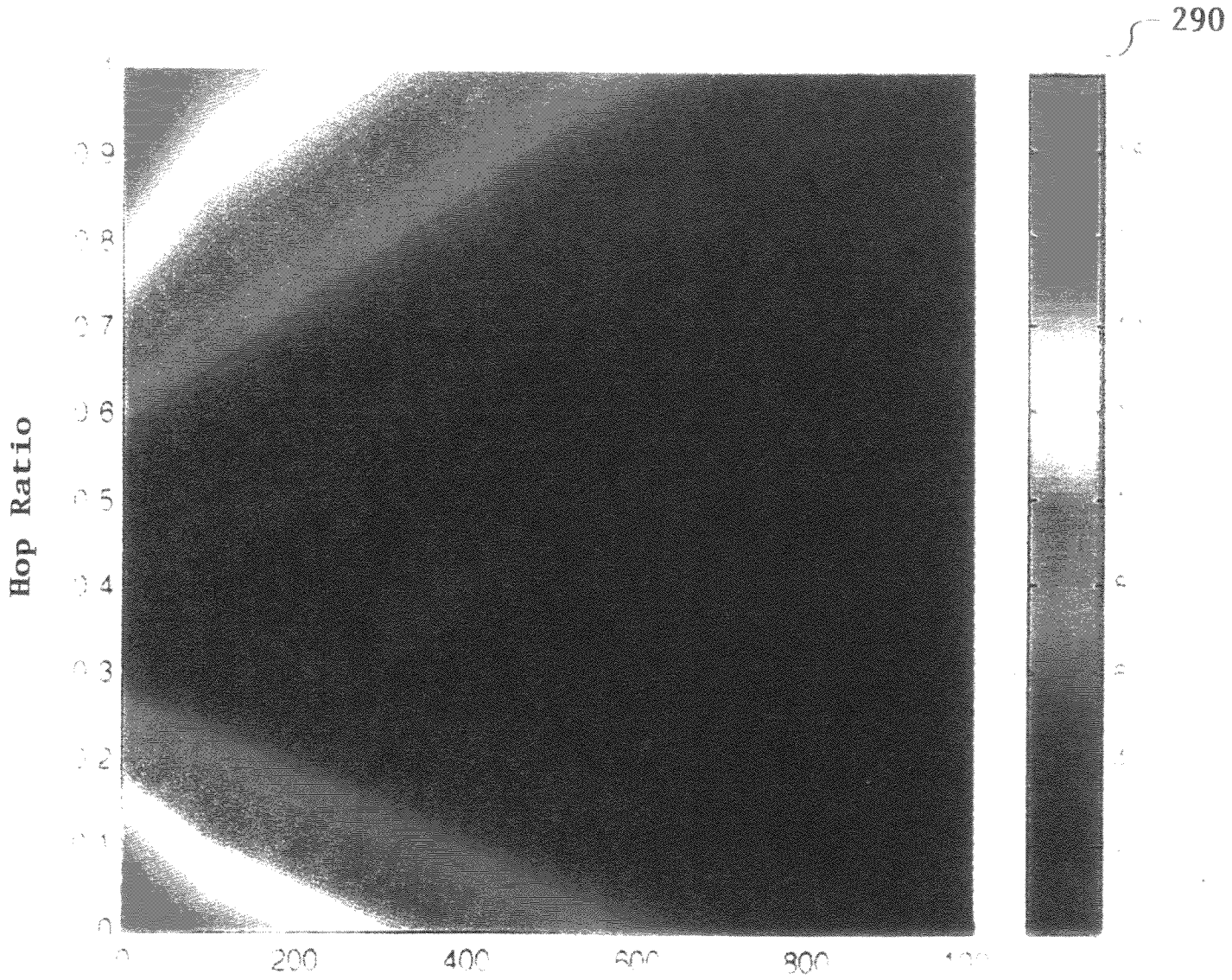

290
Hop Ratio
0
200
400
800
Distance in Miles Between Last Known Hop and DNS

FIG. 18A

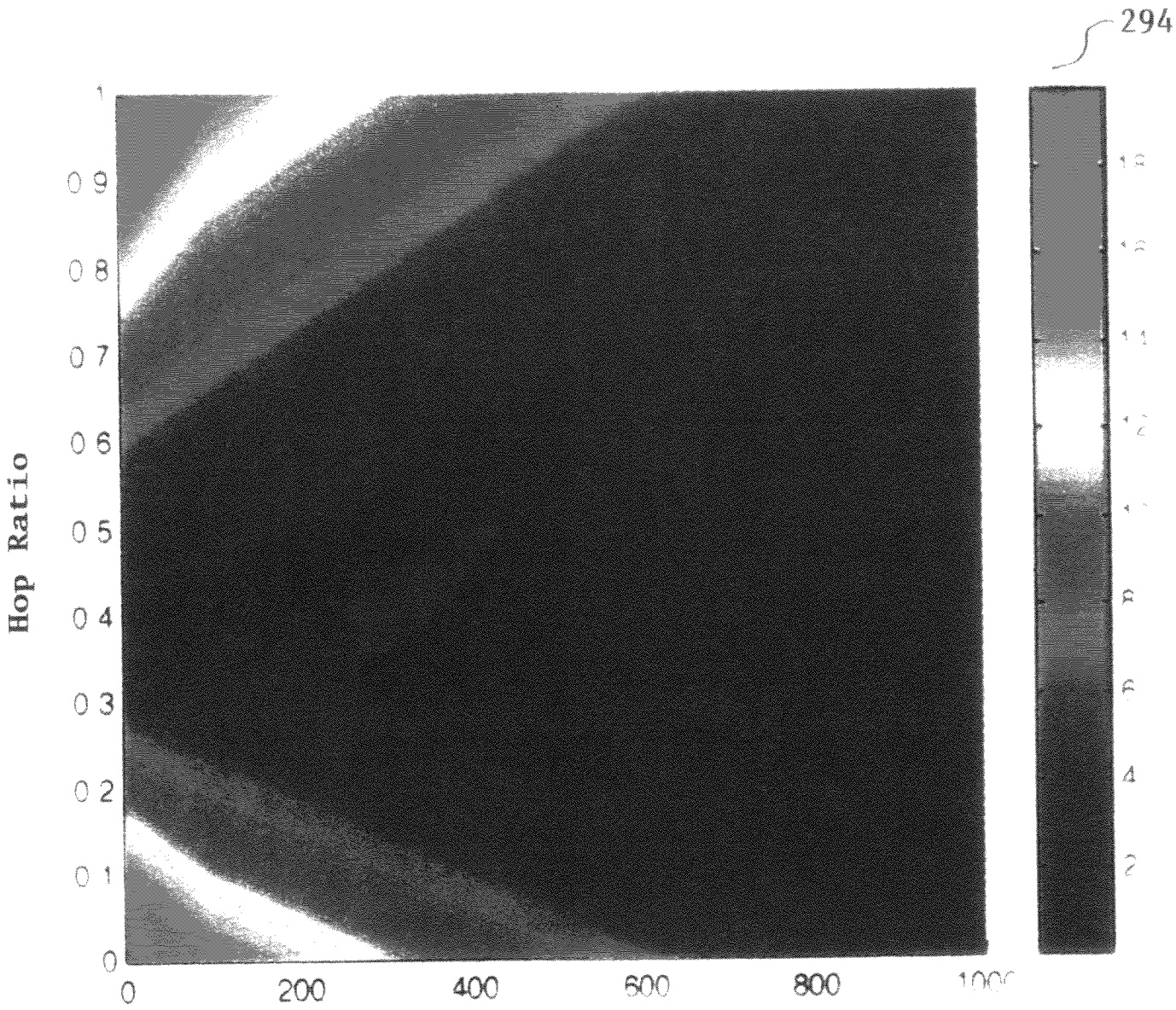

294
Hop Ratio
1
0 9
0 8
0 7
0 6
0 5
0 4
0 3
0 2
0 1
0
0
200
400
600
800
Distance in Miles Between Next Known Hop and DNS

FIG. 18C

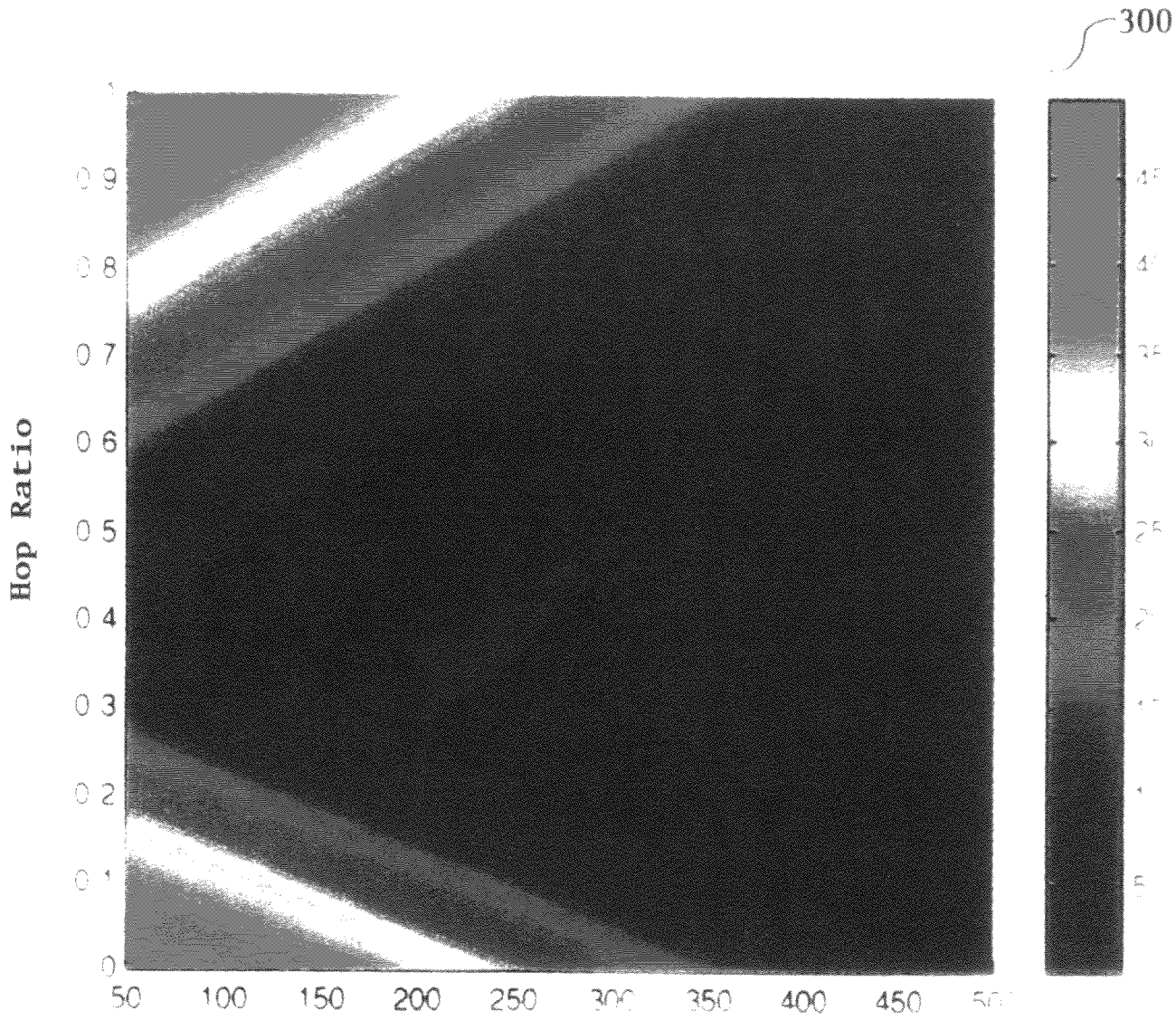

300
Hop Ratio
0 9
0 8
0 7
0 6
0 5
0 4
0 3
0 2
0 1
0
50
100
150
200
250
350
400
450
Distance in Miles Between Last Known Hop and ASN

FIG. 19A

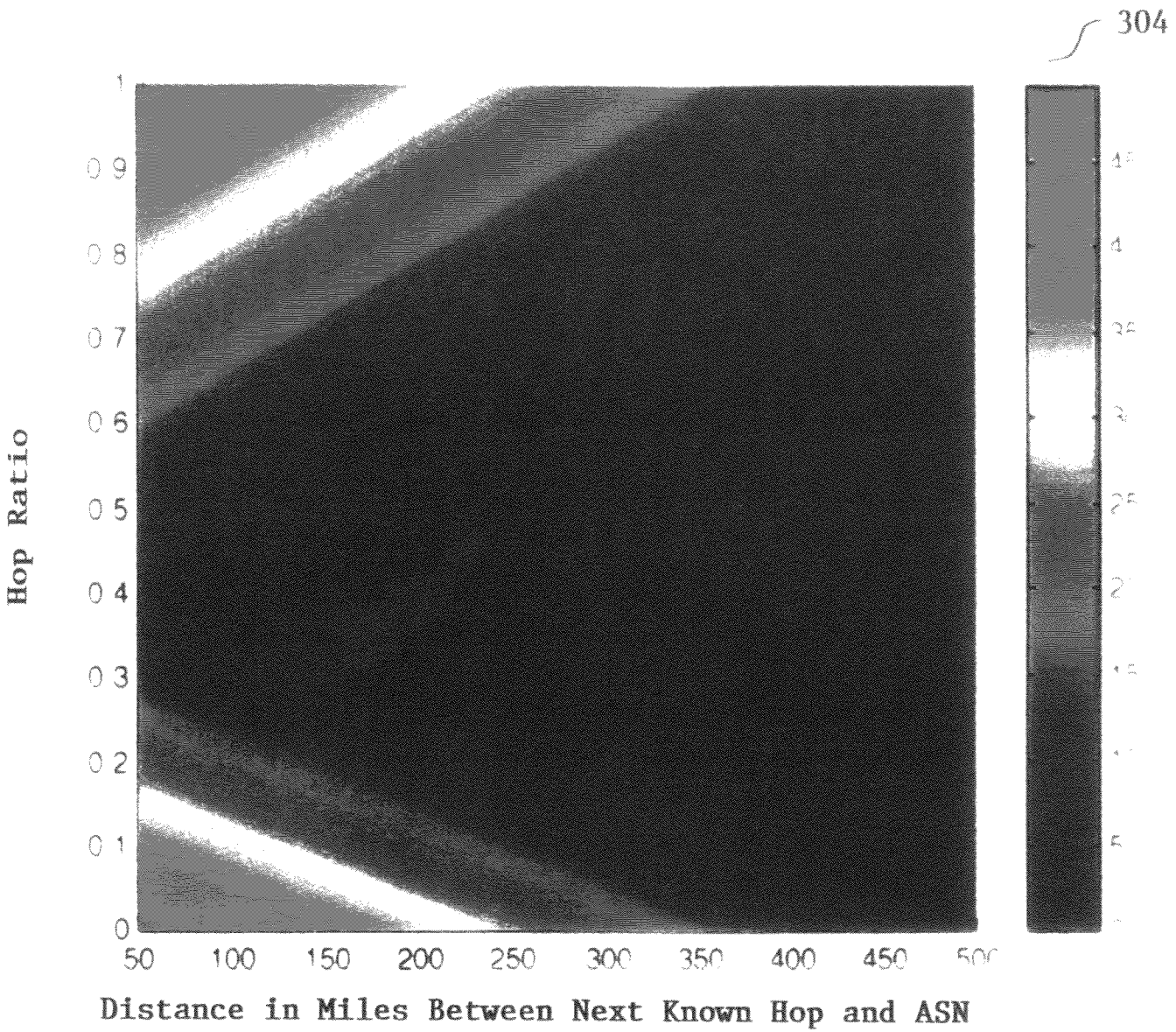

304
Hop Ratio
1
0 9
0 8
0 7
0 6
0 5
0 4
0 3
0 2
0 1
0
50
100
150
200
250
300
350
400
450
500
Distance in Miles Between Next Known Hop and ASN

FIG. 19C

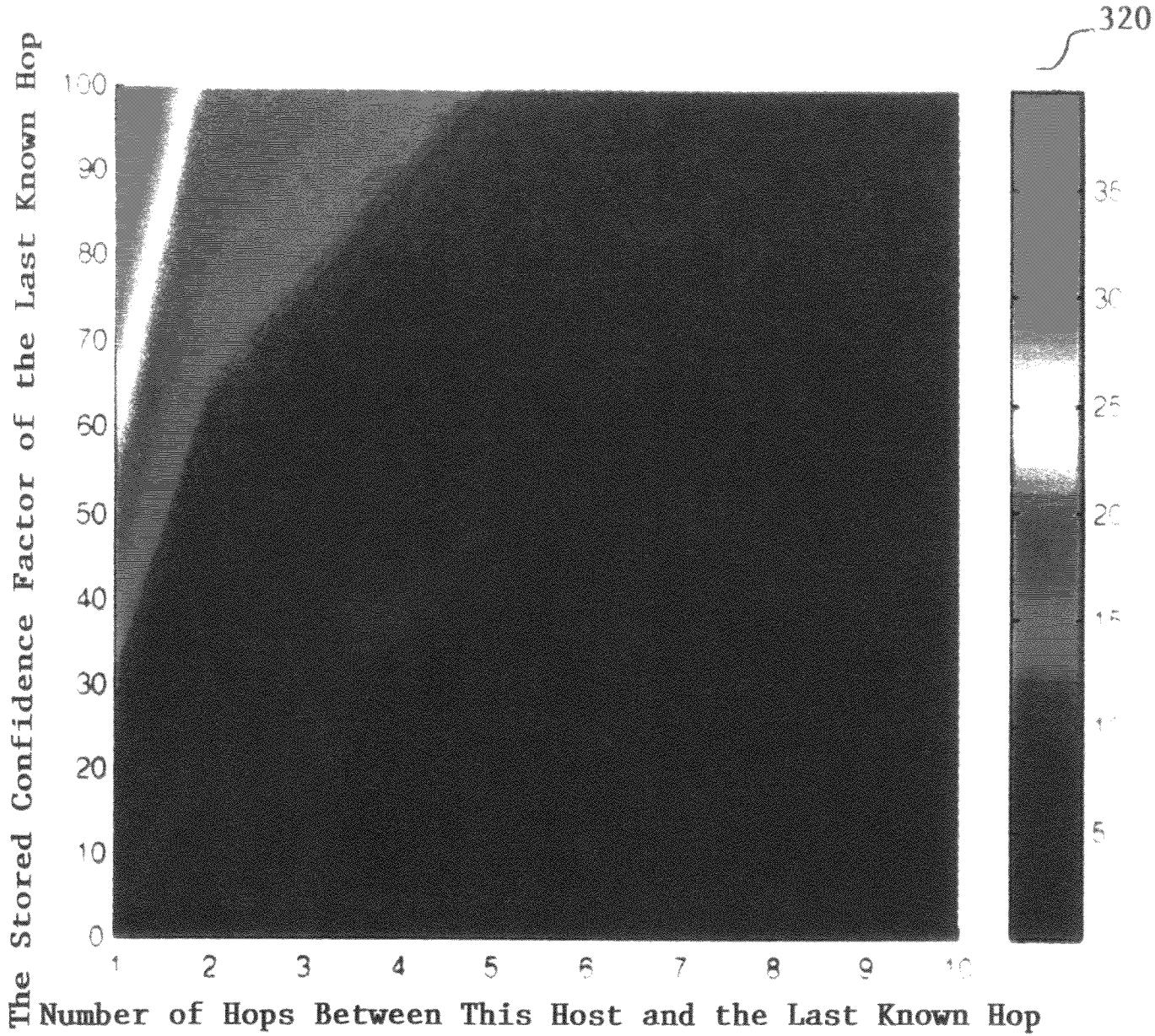

320
The Stored Confidence Factor of the Last Known Hop
100
90
80
70
60
50
40
30
20
10
0
1
2
3
4
5
6
7
8
9
10
35
30
25
20
15
10
5
Number of Hops Between This Host and the Last Known Hop

FIG. 20A

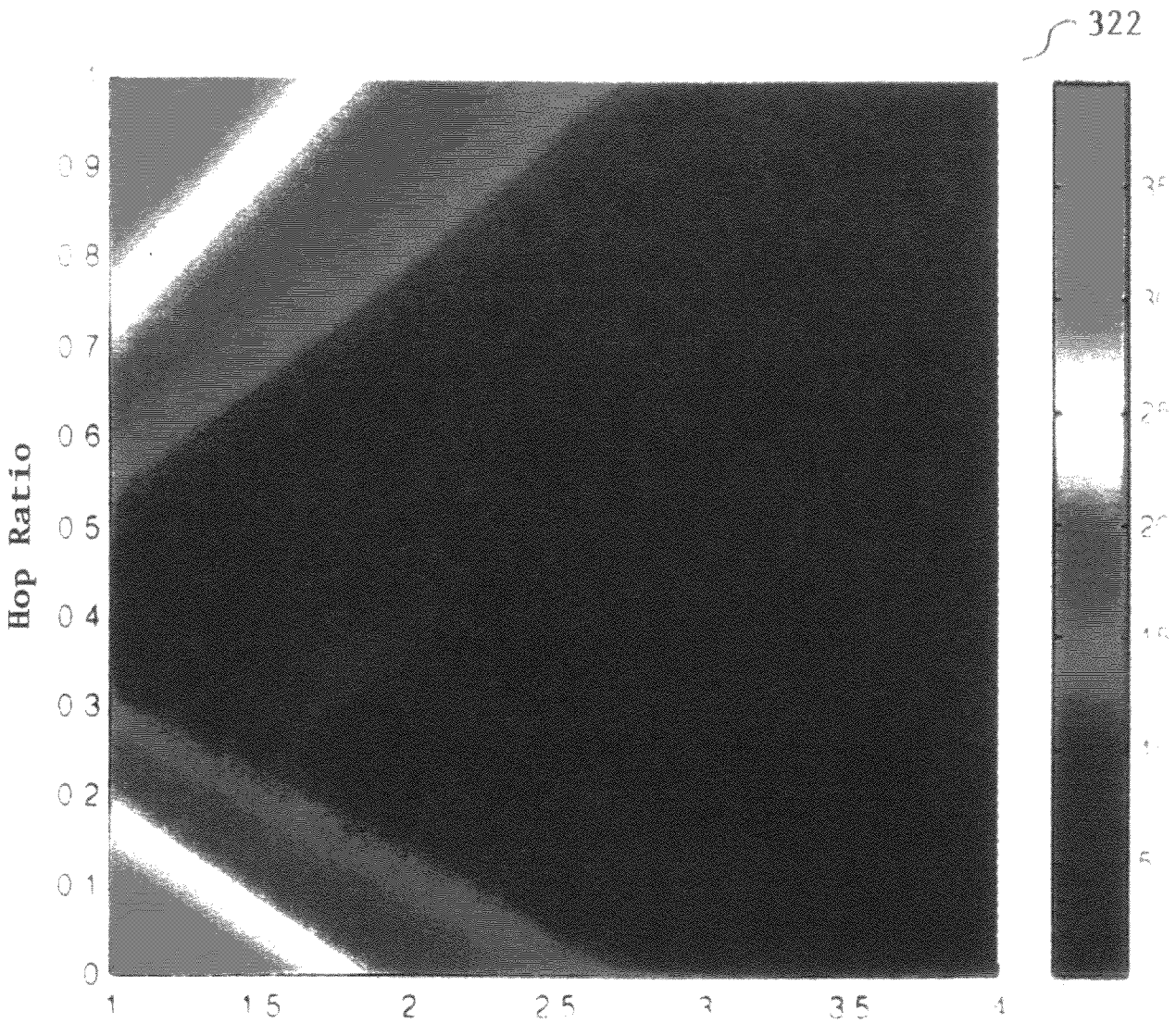

322
Hop Ratio
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
1
1.5
2
2.5
3
3.5
Number of Hops Between This Host and the Last Known Hop

FIG. 20B

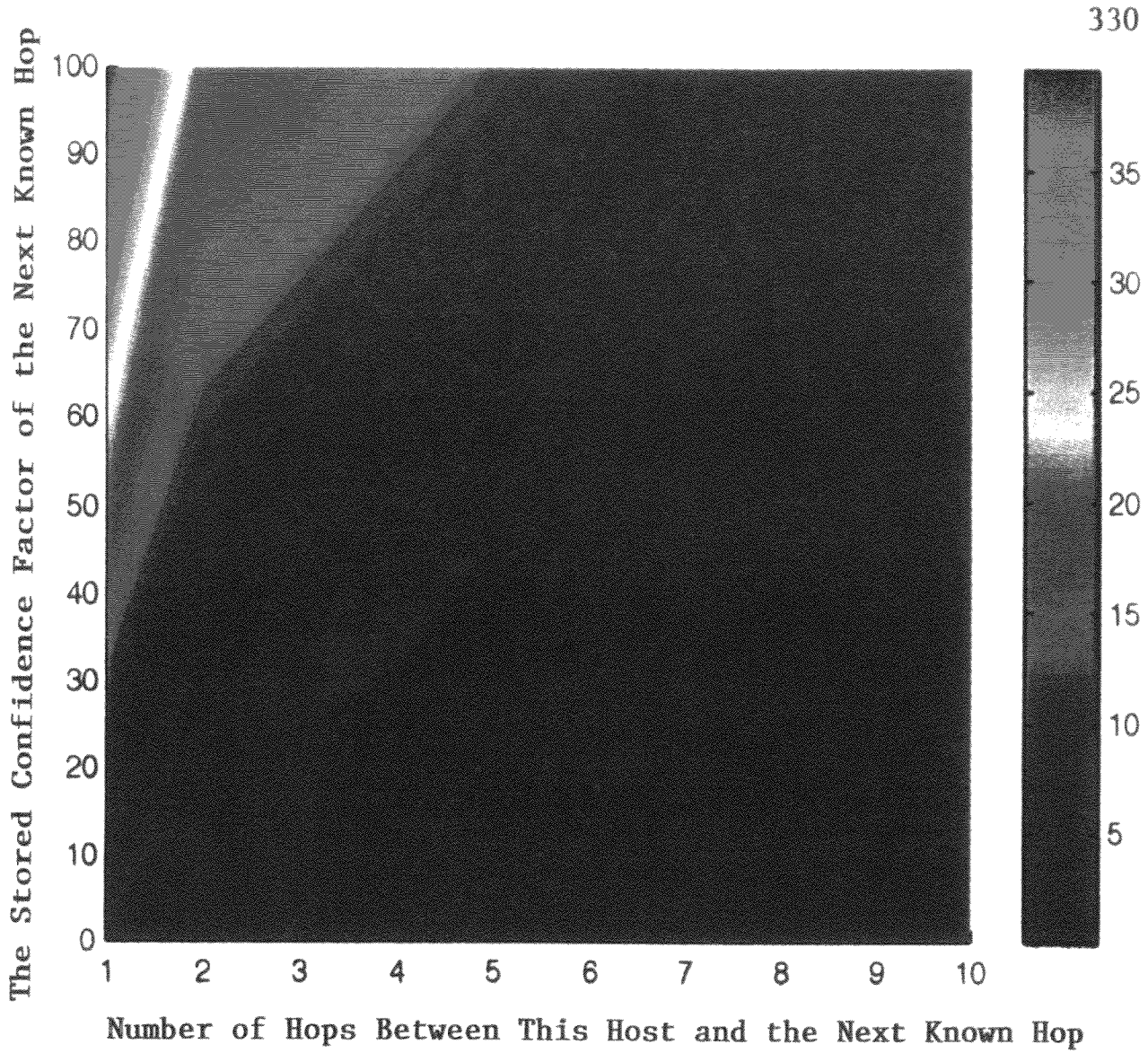

330
The Stored Confidence Factor of the Next Known Hop
100
90
80
70
60
50
40
30
20
10
0
1
2
3
4
5
6
7
8
9
10
Number of Hops Between This Host and the Next Known Hop
35
30
25
20
15
10
5

FIG. 21A

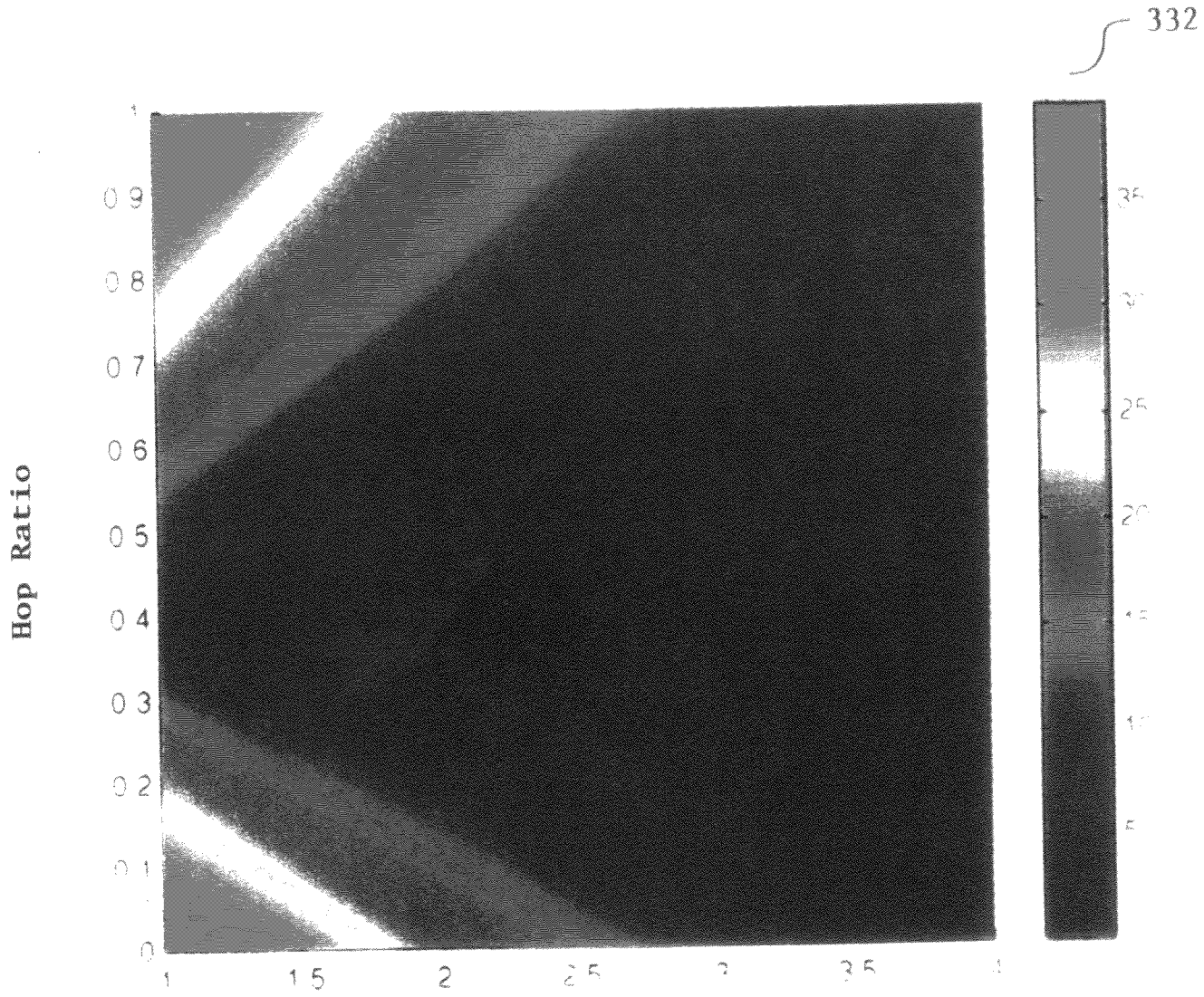

332
Hop Ratio
0 9
0 8
0 7
0 6
0 5
0 4
0 3
0 2
0 1
0
1
1 5
2
2 5
3
3 5
Number of Hops Between This Host and the Next Known Hop

FIG. 21B

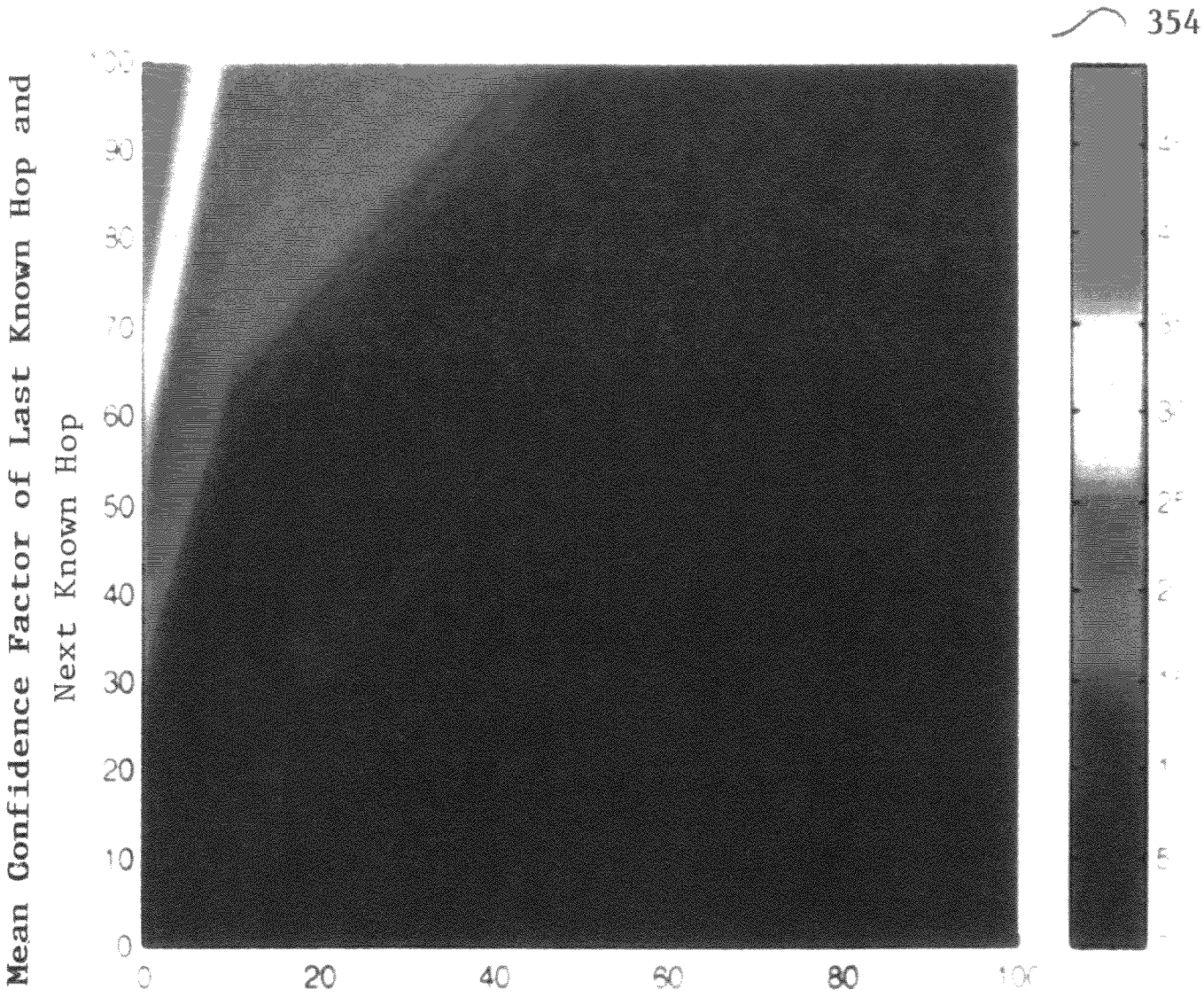

354
Mean Confidence Factor of Last Known Hop and Next Known Hop
0
10
20
30
40
50
60
70
80
90
0
20
40
60
80
Distance in Miles Between Last Known Hop and Next Known Hop

FIG. 23